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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	see Form PCT/ISA/220						
700953-53671-PCT	MOTION	s well as, where applicable, item 5 below.						
International application No. PCT/US04/38643	International filing date (day/mont 12 November 2004 (12.11.2004)	h/year) (Earliest) Priority Date (day/month/year) 12 November 2003 (12.11.2003)	<i>11")</i>					
Applicant								
THERION BIOLOGICS CORPORATION								
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of sheets. It is also accompanied by a copy of each prior art document cited in this report.								
	Toy a copy of each prior are document							
Basis of the Report a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.								
The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).								
b. With regard to any nucleoti	de and/or amino acid sequence di	sclosed in the international application, see Box No.	. I.					
2. Certain claims were found unsearchable (See Box No. II)								
3. Unity of invention is lacking (See Box No. III)								
4. With regard to the title,								
the text is approved as subn								
the text has been established by this Authority to read as follows:								
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5. With regard to the abstract,		•						
5. With regard to the abstract, the text is approved as subn	nitted by the applicant.							
		Authority as it appears in Box No. IV. The applica	ant					
may, within one month from	n the date of mailing of this internati	ional search report, submit comments to this Author	ity.					
6. With regard to the drawings, a. the figure of the drawings to be published with the abstract is Figure No								
1		6 110						
as suggested by the		ed to suggest a figure						
· ==	Authority, because the applicant fail							
	Authority, because this figure better	cnaracterizes the invention.						
b. none of the figures is to be	published with the abstract.							

Form PCT/ISA/210 (first sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US04/38643

According to International Patent Classification (PC) or to both national classification and IPC. B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 536/23.1; 435 320.1; 514, 44 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched leaves and the search of the search	A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : CO7H 21/02; C12N 15/00; A61K 48/00							
B. FELDS SEARCHED	US CL: 536/23.1; 435 320.1; 514, 44 According to International Patent Classification (IPC) or to both national classification and IPC.							
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Catego								
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Y GROSENBACH et al. Synergy of vaccine strategies to amplify Antigen-specific Immune Responses and Anti-tumor Effects. Cancer Research, June 2001, vol. 61, 4497-4505, see entire document Y US 6,537,552 B1 (MINION et al.) 25 March 2003 (25.3.2003), see entire document Y GREINER et al. Vaccine-based Therapy Directed against Carcine-embryonic Antigen Demonstrates Activity on Spontaneous Intestinal Tumors in the Abscence of Autoimmunity. Cancer Research. December 2002, vol. 62, pages 6944-6951, see entire document **R** document defining the general state of the structure of the search and the patients of the service of the servi								
Please See Continuation Sheet C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. P. GROSENBACH et al. Synergy of vaccine strategies to amplify Antigen-specific Immune Responses and Anti-tumor Effects. Cancer Research. June 2001, vol. 61, 4497-4505, see entire document V. US 6,537,552 B1 (MINION et al.) 25 March 2003 (25.3.2003), see entire document P. US 5,827,666 (FINN et al.) 27 October 1998 (27.10.1998), see entire document QREDER et al. Vaccine-based Therapy Directed against Carcinoembryonic Antigen Demonstrates Activity on Spontaneous Intestinal Tumors in the Abscence of Autoimmunity. Cancer Research. December 2002, vol. 62, pages 6944-6951, see entire document Further documents are listed in the continuation of Box C. Special entegories of cited documents: "A" document defining the general state of the set which is not considered to be of periodizin relevance "B" entire application or patent published on or after the intermitional filing date or priority detection of the publishing date or application or other special reason (or special	Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched							
Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Y GROSENBACH et al. Synergy of vaccine strategies to amplify Antigen-specific Immune Responses and Anti-tumor Effects. Cancer Research. June 2001, vol. 61, 4497-4505, see entire document US 6,537,552 BI (MINION et al.) 25 March 2003 (25.3.2003), see entire document 1-23 Y US 5,827,666 (FINN et al.) 27 October 1998 (27.10.1998), see entire document 24 GREINER et al. Vaccine-based Therapy Directed against Carcinoembryonic Antigen Demonstrates Activity on Spontaneous Intestinal Tumors in the Abscence of Autoimmunity. Cancer Research. December 2002, vol. 62, pages 6944-6951, see entire document **Poperal categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance. "B" entire application or patent published on or after the international filing date. "C" document which may throw doubts on priority claim(s) or which is cited to specifically existed the publication date of mother cluston or other special reason (as specifically existed priority detailed prior to the international liling date but later then the priority date claimed Date of the actual completion of the international search Date of the actual completion of the international search P"— document published prior to the international search P"— document strained prior to the international search Date of the actual completion of the international search Date of the actual completion of the international search P"— document member of the same patent family Date of the actual completion of the international search P.O. Box 1450 Authorized offices Authorized offices Ram Shukla Authorized offices Takenter Processory Authorized offices Ram Shukla Authorized offices Particular relevance, the chimsed invention community to commissioner for Patents P.O. Box 1450								
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